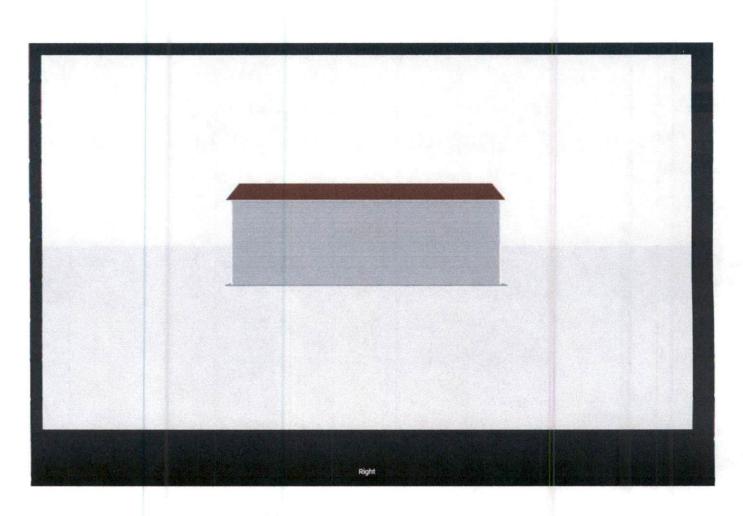
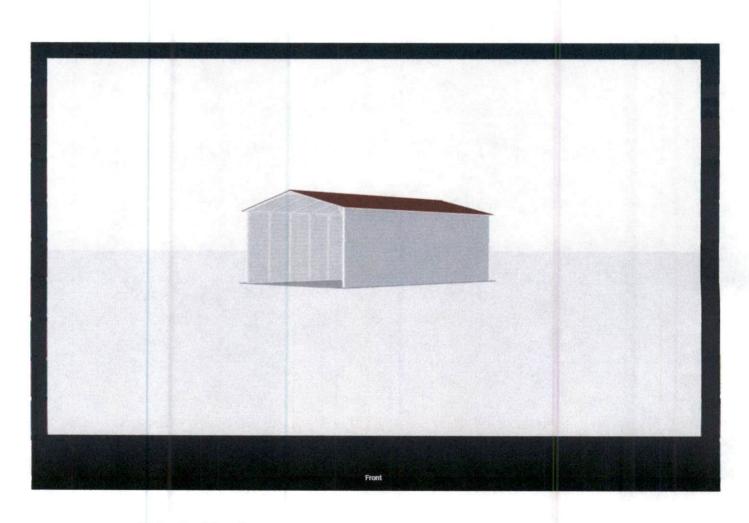


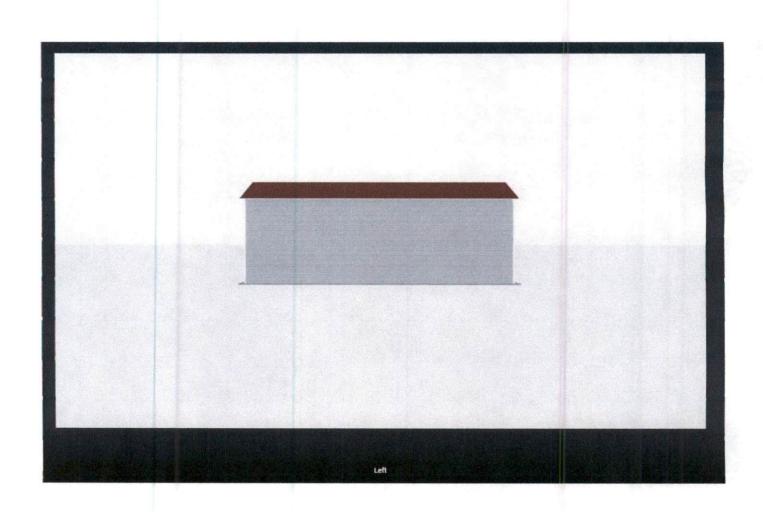
Charles E. Whitehead



Charles E. Whitehead



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## **AUTHORIZED USER:**

CHARLES WHITEHEAD 732 NEILLS CREEK RD LILLINGTON, NC 27546

## **BUILDING SIZE:**

24'W X 40'L X 13'H



## ENCLOSED GABLE END BUILDING

MAXIMUM 30"-0" WIDE X 16"-0" EAVE HEIGHT WITH BOX FRAME / 135 M.P.H. WIND ZONE - 30 P.S.F. SNOW LOAD

FOR

FRONTLINE STEEL STRUCTURES, LLC MT. AIRY, NORTH CAROLINA

ISSUE DATE: MAY 12, 2023







NOTE: THESE DRAWINGS ARE VALID FOR (1) CALENDAR YEAR AFTER THE ISSUE DATE LISTED ON THIS SHEET.

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| \$17A  | HEADER INFORMATION  |
| \$18   | U-CHANNEL BRACE   |
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TAYLOR & VIOLA
STRUCTURAL ENGINEERS
P.08 266 HKX0RY NORTH CAROLINA
TELE 828-324-331 FAX 828-327-3801
WWW TAYLORVOLA (DM

FRONTLINE STEEL STRUCTURES, LLC MT. AIRY, NORTH CAROLINA DRAWN BY: POJECT NO:
MISC

DATE: SHEET NO:
2023.05.12 \$2

| DESIGN LOADS:   |   |                    |
|---|---|--------------------|
| IMPORTANCE FACTORS  |   |                    |
| DEAD LOADS ROOF COLLATERAL 0                                  | PSF S   |                    |
| LIVE LOADS ROOF   | _ PSF   |                    |
| GROUND SNOW LOAD: 30  | _ PSF   |                    |
| GROUND LOAD:  BASIC WIND SPEED  V 13  EXPOSURE CATAGORY  B    | 5 mph (ASCE 7–18) + DRIFT LOAD HAS NOT<br>BEEN CALCULATED |                    |
| SEISMIC DESIGN CATAGORY A                                     | 5   |                    |
| COMPLIANCE WITH SECTION 1616.49                               | NO YES  |                    |
| PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS:              | .0  |                    |
| OCCUPANCY CATEGORY 1 / II                                     | 147   |                    |
| SPECTRAL RESPONSE ACCELERATION Se 20.5 %                      | S1 8.8 %g   |                    |
| SITE CLASSIFICATION D FIELD TEST                              | PRESUMPTIVE HISTORICAL DATA                               |                    |
| BASIC STRUCTURAL SYSTEM (CHECK ONE)                           |   |                    |
|   | RAL MOMENT FRAME<br>MEDIATE R/C OR SPECIAL STEEL<br>JULIM |                    |
| ANALYSIS PROCEDURE SIMPLIFIED _X EQUI                         | VALANT LATERAL FORCEMODAL                                 |                    |
| LATERAL DESIGN CONTROL?EARTHQUAKEX                            | _ WND   |                    |
| SOIL BEARING CAPACITIES: PRESUMPTIVE BEARING CAPACITIES:  2.0 | 100_PSF   |                    |
| GENERAL NOTES:  |   |                    |
| 1. MAX FRAME SPACING SHALL BE 60°C UNLESS NOTE                | D OTHERWISE.  |                    |
| 2. MAX. END-WALL COLUMN SPACING SHALL BE 60"oc                | UNLESS NOTED OTHERWISE.                                   |                    |
| 3. TUBE MATERIAL SHALL BE 2-1/2" x 2-1/2" x 14 G              | A. 50 KSI MIN. UNLESS NOTED OTHERWISE.                    |                    |
| 4. ALL FASTENERS SHALL BE #12 SELF TAPPING UNLES              | s noted otherwise.  |                    |
| 5. 2,000 PSF ASSUMED BEARING CAPACITY UNLESS NO               | TED OTHERWISE.  |                    |
| 4   |   |                    |
| 20  |   |                    |
| TO BOX 2/4 HEYORY MORTH FARM BA                               | N E S T E E L BKS   | POJECT NO:<br>MISC |
| WWW TAYLORVIOLA COM   | RES, LLC DATE: 2023.05.12                                 | SHEET NO:          |

